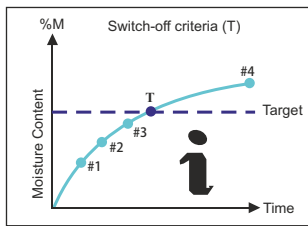


# Moisture Analyzer MB Series



## Reliability

Reliable result depend on correct methodology. Select the in intelligent function, key in the reference value and maximum time. The MB swiftly calculates appropriate switch-off criteria automatically to match the reference value to the last decimal place. You can save this parameter as method. Intelligent efficiently develops your method and save your time in any area where different products are analyzed for their moisture content. You could never match your reference value with such accuracy.



## Ultra Fast uniform heating

Uniquely designed circular halogen lamp and reflectors ensures utmost rapid heating, shorten the measurement time well engineered heating chamber ensure uniform heating to achieve exact result with exceptional reproducibility.



## Brilliant Monotech sensor with analytical precision

The outstanding measurement performance of MB series is based on ACZET brilliant analytical weighing Technology MONOTECH. The fourth decimal place is not displayed but is measured and used in calculation of highly precise results, gives highest measurement security.

with new Aczel Moisture Analyzer you can achieve higher productivity without compromising on quality in your daily business challenges, since it is DIVERSE and can be programmed according to the individual needs of the person. No matter if user is from quality assurance, manufacturing or R&D.

METHODWISE 01: BABY FOOD	
STATISTICS	LAST RESULT: 878.0 %M
	LAST TIME: 180.9 MIN
	NO. OF ANALY: 1: 50
	MEAN: 878.8 %M
	STD. DEV. 4: 5.2 %M
←BACK	↑UP ↓DOWN

## Statistics

This can display and print statistics for the last 9999 measurements based on each Method or Batch making this ideal intelligent instrument for R&D and Production both.

## Memory of each moisture Determination

This being the most versatile feature of Aczel MB Series, it stores last 1000 determination, so you can months, this make it Unique and DEPENDABLE, no other instrument can offer this.



## Password protection

Password protection prevents the unauthorized access to the stored data & alternations of the parameters thus ensuring its security.

## Data Storage

This unique feature offers the flexibility to choose the data storage mode as per user application.



## Connectivity

Do you have to write down the measurement of several dozen samples each day Not any more thanks to the standard USB, RS 232 and ETHERNET interface, you can now conveniently transfer your data to your PC and continue working on it there, or print it out directly on ACZET print.

## Method Wise

Storage allows the user to store 25 moisture determination results in each method, user can store such 40 methods. method wise storage is suitable for application in r&D or Quality Assurance where there are more number of different product (Sample) to be analyzed.



## Graph

Tanks to graphical display, user can view auto updating graph of the drying process with the change in the moisture level.



Features like weight in assist and standby temperature helps user to improve reproducibility by taking same amount sample weight and similar climatic state for each moisture determination.

Temperature Calibration Report	
-----	
ACZET	
Model no.	MB 200
Serial no.	M2120057
Ver. no.	1.1.3.25
User ID	MAUSAM
Temp can count	13
Temp cal date	31/12/2011
Temp cal time	01:59PM
-----	
Temperature1	100°C:102°C
Temperature2	200°C:200°C
Temp Calibration done	
-----	
26/04/2014	06:20PM
Name :	.....
-----	

ABC PHARMA CO. LAB UNIT 3	
-----	
26/04/2014	05:30PM
ACZET	
Model no.	MB 200
Serial no.	M2120057
Ver. no.	1.1.3.25
User ID	MAUSAM
-----	
Method 19:	NACL
PRODUCTION LINE	
AFTER FILTERATION	
Start of analysis:	
Automatic	No
Stability	YES
Delay	YES
Heating	STANDARD
Temp	110°C
Sw-off	MANUAL
Stanby	OFF
Comile	OFF
Init. wt.	+3.918g
-----	
00:00:30hrs +	4.23 %M
00:01:00hrs +	3.08 %M
00:01:30hrs +	3.08 %M
00:02:00hrs +	3.46 %M
00:02:30hrs +	3.46 %M
-----	
Fn1. wt.	+4.794 g
00:00:16hrs +	0.13 %M
-----	
Last wt. cal	26/04/2012
-----	
Last temp cal	31/12/2011
-----	
Name :	.....
-----	
26/04/2014	05:32PM

### Batch wise

storage allows user to create 100 batches & store maximum 1000 data with no restriction on the data storage per batch. Batch wise storage is suitable for application in production where there are more numbers of samples to be analyzed for the same product.

Multiple units of measurement results %M, %D, %R (ratio), Gm/Lt, %M Atro, %D Atro, make it most convenient for each user.

Various heating profile like standard, Gentle, Rapid, Step & High temperature heating make's it possible to analyze any product sample.

Various switch off criteria from Auto, Manual, Timed, User Defined G/T, User Defined %U/T, Intelligent makes it possible to achieve utmost accurate result.

### ISO/GLP compliance printout

It helps identify how, when & who performed the moisture determination. Highly flexible user configurable print format with 4 user ID makes it customized yet traceable document in compliance to SOP's and GLP regulation making MB Series most acceptable in each industry. Every successful calibration is been tracked and record with incremental numbers also last successful calibration report stored in memory makes it even more flexible and convenient.

Model	MB 54	MB 40	MB 50	MB 120	MB 200
Max. Capacity	50 gm	40 gm	50 gm	120 gm	200 gm
Precision of readout mass	0.1 mg	1 mg	1 mg	1 mg	1 mg
Precision of readout of moisture	0.0001%	0.001%	0.001%	0.001%	0.001%
Repeatability (Sample 2g) (sd)	0.05%	0.1%	0.1%	0.1 %	0.1 %
Repeatability (Sample 10g) (sd)	0.02%	0.03%	0.03%	0.03%	0.03%
Display information	0.002%	0.002%	0.03%	0.03%	0.03%
Units of Measurements	%M, %D, %R (ratio), Gm/Lt, %M Atro, %D Atro				
Statistics	Method wise for each individual 40 methods or Batch wise for each individual 100 batches for last 999 results				
Technology	Infra Red Halogen				
Temperature Range	Max. to 175°C (Optional to 250°C) - P.O.R.				
Temperature Increment	Interval 1°C				
Heating Profile	Standard, Gentle, Rapid, Steps, High Temperature				
Switch off Criteria	Auto, Manual, User Def Weight / Time, User Def % unit / Time, Intelligent				
Auto Method Development	Intelligent				
Method Memory	40				
Batch Memory	100				
Method designation	Alpha Numeric				
Serial Number	Yes				
Compile	Yes (Method Linking)				
Temperature of work	15°C to 40°C				
Display	Graphical LCD Display with LED back				
Data Interface	RS 232C Bidirectional, USB, Ethernet, Ps2				
Print	GLP / GMP Compliant, User Configurable				
Password	Method, Setting, Print Format, Data Delet, Calibration, Drying				
Power Supply	230V / 50Hz or 115V / 60Hz				
Power Consumption (Watt)	Max 415				
Housing Dimension (WxDxH) mm	211 x 342 x 178				
Net Wt. / Grpss Wt.	7 Kg / 8 kg				
Packing Dimension (mm) (L x W x H)	400 x 340 x 300 / 15.8" x 13.4" x 11.9"				
<b>Cat No.</b>	<b>1042 0054</b>	<b>1042 0040</b>	<b>1042 0050</b>	<b>1042 0120</b>	<b>1042 0200</b>